EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1118	(514/394).CCLS.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/08/17 11:53
L2	301	(548/310.1).CCLS.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/08/17 11:53
S1	2	("5935983").PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/08/17 10:16
S2	2	("6649616").PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/08/17 10:31
S3	2	("7074780").PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/08/17 11:53

```
Connecting via Winsock to STN


Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1600RXA

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3   FEB 27  New STN AnaVist pricing effective March 1, 2006
 NEWS  4   APR 04  STN AnaVist $500 visualization usage credit offered
 NEWS  5   MAY 10  CA/CAplus enhanced with 1900-1906 U.S. patent records
 NEWS  6   MAY 11  KOREAPAT updates resume
 NEWS  7   MAY 19  Derwent World Patents Index to be reloaded and enhanced
 NEWS  8   MAY 30  IPC 8 Rolled-up Core codes added to CA/CAplus and
                   USPATFULL/USPAT2
 NEWS  9   MAY 30  The F-Term thesaurus is now available in CA/CAplus
 NEWS 10   JUN 02  The first reclassification of IPC codes now complete in
                   INPADOC
 NEWS 11   JUN 26  TULSA/TULSA2 reloaded and enhanced with new search and
                   and display fields
 NEWS 12   JUN 28  Price changes in full-text patent databases EPFULL and PCTFULL
 NEWS 13   JUl 11  CHEMSAFE reloaded and enhanced
 NEWS 14   JUl 14  FSTA enhanced with Japanese patents
 NEWS 15   JUl 19  Coverage of Research Disclosure reinstated in DWPI
 NEWS 16   AUG 09  INSPEC enhanced with 1898-1968 archive

 NEWS EXPRESS  JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8
 NEWS X25      X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that
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  result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:01:30 ON 17 AUG 2006

=> fil reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'REGISTRY' ENTERED AT 10:01:35 ON 17 AUG 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
```

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 16 AUG 2006 HIGHEST RN 902024-59-3
DICTIONARY FILE UPDATES: 16 AUG 2006 HIGHEST RN 902024-59-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

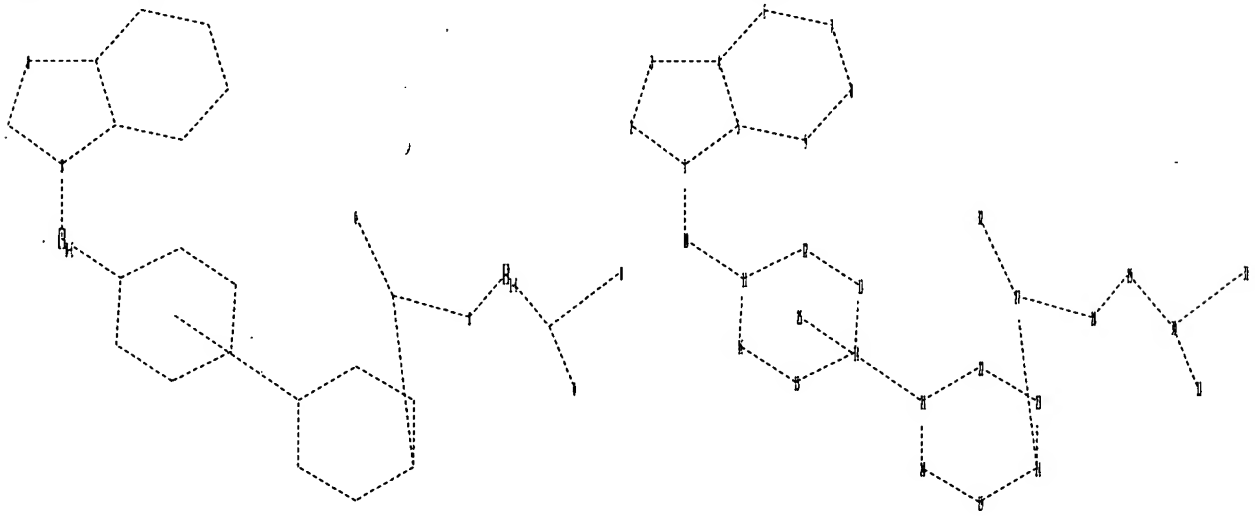
TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

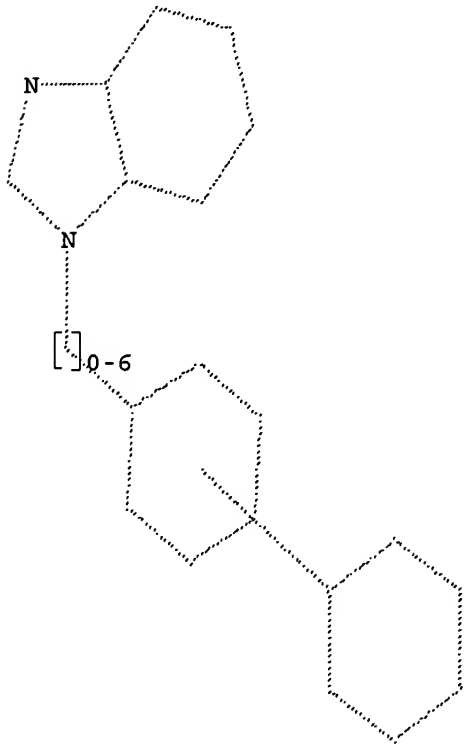
=>
Uploading C:\Program Files\Stnexp\Queries\QUERIES\10805548.str



chain nodes :
10 27 28 29 30 31 32 33
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 19 20 21 22 23 24
chain bonds :
1-10 10-11 24-27 27-32 27-28 28-29 29-30 30-31 30-33
ring bonds :
1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 11-12 11-16 12-13 13-14 14-15
15-16 19-20 19-24 20-21 21-22 22-23 23-24
exact/norm bonds :
1-2 1-5 1-10 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-11 11-12 11-16 12-13
13-14 14-15 15-16 19-20 19-24 20-21 21-22 22-23 23-24 24-27 27-32 27-28
28-29 29-30 30-31 30-33
isolated ring systems :
containing 1 : 11 : 19 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:Atom 24:Atom 25:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS
31:CLASS 32:CLASS 33:CLASS

```
L1       STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1                STR
```




```
Structure attributes must be viewed using STN Express query preparation.


=> s l1
SAMPLE SEARCH INITIATED 10:02:48 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     5819 TO ITERATE

 34.4% PROCESSED     2000 ITERATIONS                                 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       111807 TO   120953
PROJECTED ANSWERS:            2853 TO     4477

L2            50 SEA SSS SAM L1

=> fil stnguide
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.88       1.09

FILE 'STNGUIDE' ENTERED AT 10:02:55 ON 17 AUG 2006
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
```

AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Aug 11, 2006 (20060811/UP).

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.12	1.21

FILE 'REGISTRY' ENTERED AT 10:04:23 ON 17 AUG 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 AUG 2006 HIGHEST RN 902024-59-3
DICTIONARY FILE UPDATES: 16 AUG 2006 HIGHEST RN 902024-59-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

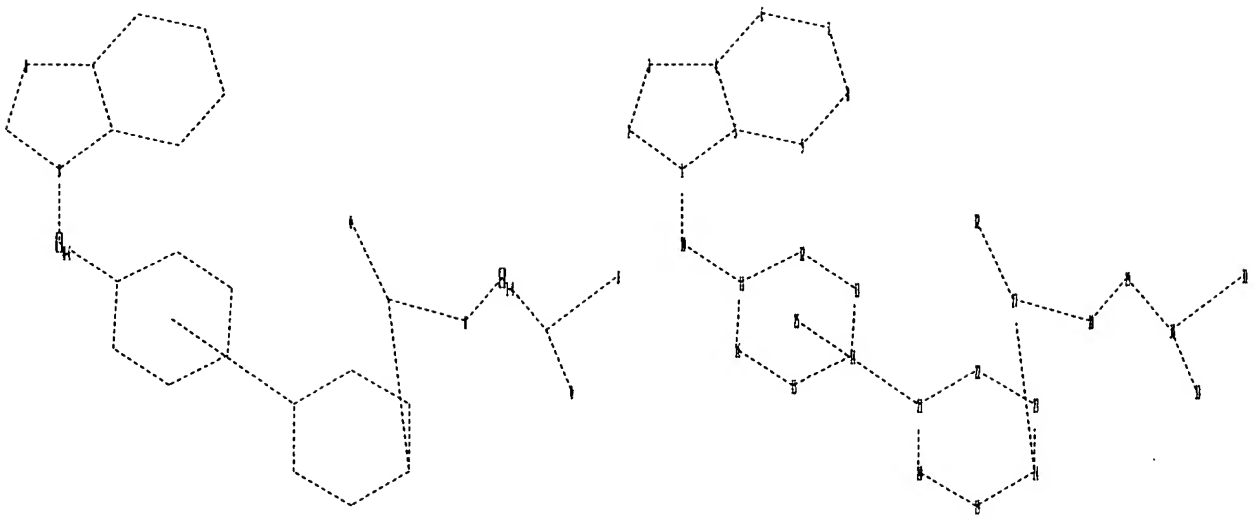
TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\QUERIES\10805548.str



chain nodes :
10 27 28 29 30 31 32 33
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 19 20 21 22 23 24
chain bonds :
1-10 10-11 24-27 27-32 27-28 28-29 29-30 30-31 30-33
ring bonds :
1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 11-12 11-16 12-13 13-14 14-15
15-16 19-20 19-24 20-21 21-22 22-23 23-24
exact/norm bonds :
1-2 1-5 1-10 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-11 11-12 11-16 12-13
13-14 14-15 15-16 19-20 19-24 20-21 21-22 22-23 23-24 24-27 27-32 27-28
28-29 29-30 30-31 30-33
isolated ring systems :
containing 1 : 11 : 19 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:Atom 24:Atom 25:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS
31:CLASS 32:CLASS 33:CLASS

L3 STRUCTURE UPLOADED

=> d
L3 HAS NO ANSWERS
L3 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

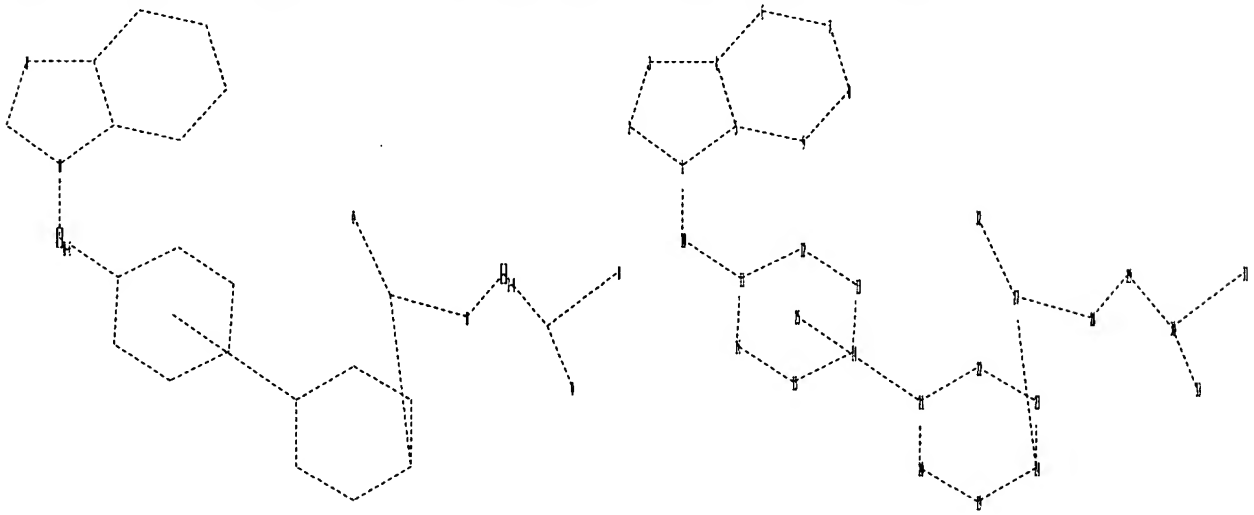
Structure attributes must be viewed using STN Express query preparation.

=> d his

(FILE 'HOME' ENTERED AT 10:01:30 ON 17 AUG 2006)

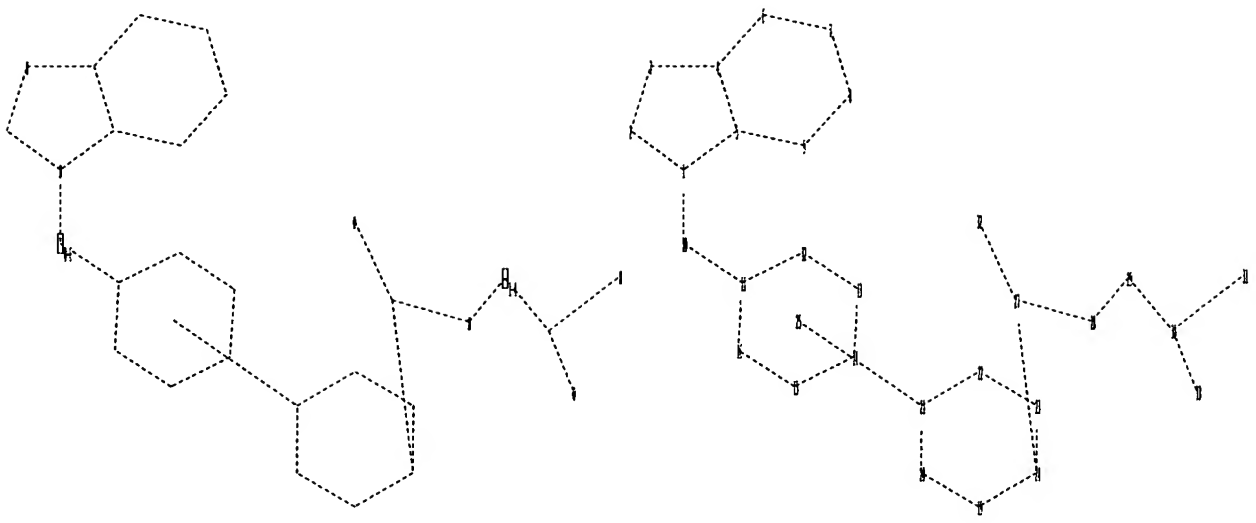
FILE 'REGISTRY' ENTERED AT 10:01:35 ON 17 AUG 2006
L1 STRUCTURE UPLOADED
L2 50 S L1

```
     FILE 'STNGUIDE' ENTERED AT 10:02:55 ON 17 AUG 2006

     FILE 'REGISTRY' ENTERED AT 10:04:23 ON 17 AUG 2006
L3              STRUCTURE UPLOADED

=> s l3
SAMPLE SEARCH INITIATED 10:04:44 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       67 TO ITERATE

100.0% PROCESSED       67 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          849 TO     1831
PROJECTED ANSWERS:               0 TO        0

L4            0 SEA SSS SAM L3

=> s l3 full
FULL SEARCH INITIATED 10:04:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     1388 TO ITERATE

100.0% PROCESSED     1388 ITERATIONS                                23 ANSWERS
SEARCH TIME: 00.00.01

L5           23 SEA SSS FUL L3

=> s l5 and caplus/lc
      51672654 CAPLUS/LC
L6          23 L5 AND CAPLUS/LC

=>
Uploading C:\Program Files\Stnexp\Queries\QUERIES\10805548.str
```



```
chain nodes :
10  27  28  29  30  31  32  33
ring nodes :
1  2  3  4  5  6  7  8  9  11  12  13  14  15  16  19  20  21  22  23  24
chain bonds :
1-10  10-11  24-27  27-32  27-28  28-29  29-30  30-31  30-33
ring bonds :
1-2  1-5  2-3  3-4  4-5  4-6  5-9  6-7  7-8  8-9  11-12  11-16  12-13  13-14  14-15
 15-16  19-20  19-24  20-21  21-22  22-23  23-24
exact/norm bonds :
```

```
1-2  1-5  1-10  2-3  3-4  4-5  4-6  5-9  6-7  7-8  8-9  10-11  11-12  11-16  12-13
13-14  14-15  15-16  19-20  19-24  20-21  21-22  22-23  23-24  24-27  27-32  27-28
28-29  29-30  30-31  30-33
isolated ring systems :
containing 1 : 11 : 19 :


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS
11:Atom  12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  19:Atom  20:Atom  21:Atom
22:Atom  23:Atom  24:Atom  25:CLASS  27:CLASS  28:CLASS  29:CLASS  30:CLASS
31:CLASS  32:CLASS  33:CLASS



L7      STRUCTURE UPLOADED

=> d
L7 HAS NO ANSWERS
L7              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l7
SAMPLE SEARCH INITIATED 10:05:32 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       67 TO ITERATE

100.0% PROCESSED       67 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          849 TO     1831
PROJECTED ANSWERS:               0 TO        0

L8            0 SEA SSS SAM L7

=> s l7 full
FULL SEARCH INITIATED 10:05:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     1388 TO ITERATE

100.0% PROCESSED     1388 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L9            0 SEA SSS FUL L7

=>
Uploading C:\Program Files\Stnexp\Queries\QUERIES\10805548.str
```



chain nodes :
10 27 28 29 30 31 32 33
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 19 20 21 22 23 24
chain bonds :
1-10 10-11 24-27 27-32 27-28 28-29 29-30 30-31 30-33
ring bonds :
1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 11-12 11-16 12-13 13-14 14-15
15-16 19-20 19-24 20-21 21-22 22-23 23-24
exact/norm bonds :
1-2 1-5 1-10 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-11 11-12 11-16 12-13
13-14 14-15 15-16 19-20 19-24 20-21 21-22 22-23 23-24 24-27 27-32 27-28
28-29 29-30 30-31 30-33
isolated ring systems :
containing 1 : 11 : 19 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:Atom 24:Atom 25:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS
31:CLASS 32:CLASS 33:CLASS

L10 STRUCTURE UPLOADED

=> d
L10 HAS NO ANSWERS
L10 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l10
SAMPLE SEARCH INITIATED 10:06:09 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 67 TO ITERATE

100.0% PROCESSED 67 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

```
FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          849 TO     1831
PROJECTED ANSWERS:               0 TO        0

L11           0 SEA SSS SAM L10

=> s l10 full
FULL SEARCH INITIATED 10:06:11 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     1388 TO ITERATE

100.0% PROCESSED     1388 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L12           0 SEA SSS FUL L10

=> fil caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   505.58     506.79

FILE 'CAPLUS' ENTERED AT 10:06:14 ON 17 AUG 2006
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FILE COVERS 1907 - 17 Aug 2006  VOL 145 ISS 8
FILE LAST UPDATED: 16 Aug 2006  (20060816/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> s l6
L13           3 L6

=> d ibib abs hitstr 1-3
```
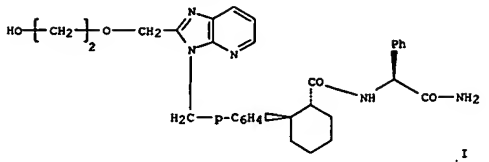

L13 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2000:841902 CAPLUS
DOCUMENT NUMBER: 133:362969
TITLE: Synthesis of heterocyclic derivs. of N-(phenylcyclohexylcarbonyl)phenylglycine amide for treatment of cardiovascular ischemia
INVENTOR(S): Bischoff, Erwin; Lensky, Stephan; Muller, Stephan Nicholas; Paulsen, Holger; Keldenich, Jorg; Krahn, Thomas; Schuhmacher, Joachim
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 30 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19924819	A1	20001130	DE 1999-19924819	19990529
CA 2375188	AA	20001207	CA 2000-2375188	20000516
WO 2000073274	A2	20001207	WO 2000-EP4431	20000516
WO 2000073274	A3	20010419		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000011049	A	20020319	BR 2000-11049	20000516
EP 1187812	A2	20020320	EP 2000-925290	20000516
EP 1187812	B1	20050907		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
TR 200103398	T2	20020321	TR 2001-3398	20000516
JP 2003500474	T2	20030107	JP 2000-621340	20000516
AU 766140	B2	20031009	AU 2000-44057	20000516
AT 303995	E	20050915	AT 2000-925290	20000516
ES 2248071	T3	20060316	ES 2000-925290	20000516
ZA 2001008894	A	20021029	ZA 2001-8894	20011029
US 6984642	B1	20060110	US 2001-980242	20011129
HK 1047107	A1	20050520	HK 2002-108818	20021204
PRIORITY APPLN. INFO.:			DE 1999-19924819 A	19990529
			WO 2000-EP4431 W	20000516

OTHER SOURCE(S): MARPAT 133:362969
GI

L13 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



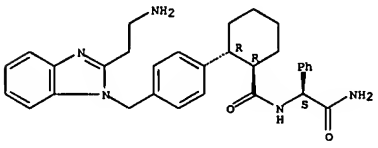
I

AB Title compds., e.g. (I), were prepared for use in treating cardiovascular ischemic disorders in humans or animals. Thus, 2-(2-hydroxyethoxymethyl)pyrido[2,3-d]imidazole (preparation given) was reacted with (1R,2R)-2-(4-methylphenyl)cyclohexanecarboxylic acid (resolution from racemate given) to yield the intermediate material which was reacted with (S)-phenylglycinamide hydrochloride to give I. In in vitro tests of rabbit erythrocyte adenosine uptake, the 2-(morpholin-4-yl)methyl [in place of the 2-(2-hydroxyethoxymethyl) sidechain] compound had IC50 of 15 nM; the 2-(piperazinyl)benzimidazolyl variant had IC50 of 25 nM.

IT 307931-42-6P
RL: PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(synthesis of heterocyclic derivs. of N-(phenylcyclohexylcarbonyl)pheny lglycine amide for treatment of cardiovascular ischemia)

RN 307931-42-6 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(2-aminoethyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, dihydrochloride, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



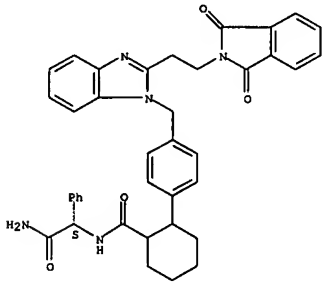
●2 HCl

IT 307931-40-4P 307931-41-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis of heterocyclic derivs. of N-(phenylcyclohexylcarbonyl)pheny lglycine amide for treatment of cardiovascular ischemia)

L13 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

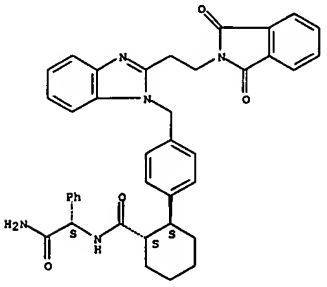
RN 307931-40-4 CAPLUS
CN Benzeneacetamide, α-[[[2-[4-[[2-[2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)ethyl]-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 307931-41-5 CAPLUS
CN Benzeneacetamide, α-[[[(1S,2S)-2-[4-[[2-(2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)ethyl]-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

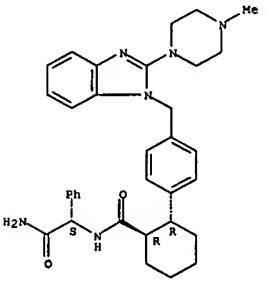


L13 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

IT 307931-51-7P 307931-52-8P 307931-53-9P
307931-54-0P 307931-55-1P 307931-56-2P
307931-58-4P 307931-59-5P 307931-60-8P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(synthesis of heterocyclic derivs. of N-(phenylcyclohexylcarbonyl)pheny lglycine amide for treatment of cardiovascular ischemia)

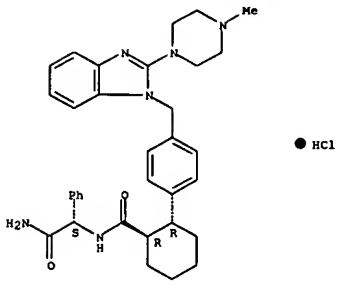
RN 307931-51-7 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(4-methyl-1-piperazinyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



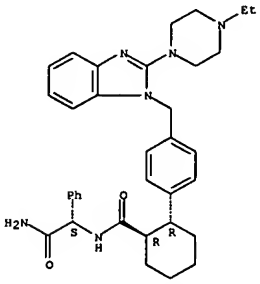
RN 307931-52-8 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(4-methyl-1-piperazinyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, monohydrochloride, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



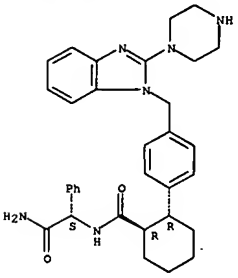
RN 307931-53-9 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(4-ethyl-1-piperazinyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



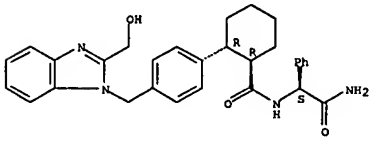
RN 307931-54-0 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-[4-(1-methylethyl)-1-piperazinyl]-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



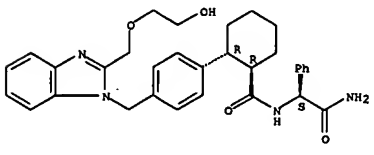
RN 307931-58-4 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(hydroxymethyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

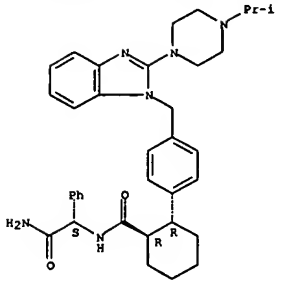


RN 307931-59-5 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-[(2-hydroxyethoxy)methyl]-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

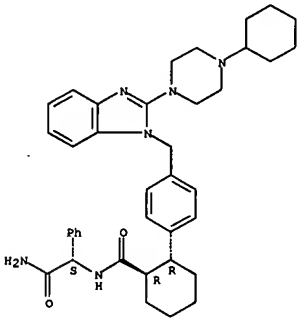


RN 307931-60-8 CAPLUS



RN 307931-55-1 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(4-cyclohexyl-1-piperazinyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

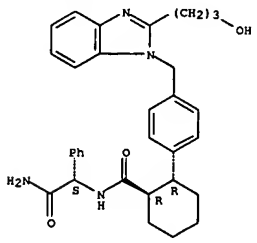


RN 307931-56-2 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(1-piperazinyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(3-hydroxypropyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:841901 CAPLUS
DOCUMENT NUMBER: 133:362968
TITLE: Synthesis of heterocyclic derivs. of N-(phenylcyclohexylcarbonyl)phenylglycine amide for treatment of cerebral ischemia or injury
INVENTOR(S): Freund, Wolf-Dietrich; Lensky, Stephan; Muller, Stephan Nicholas; Paulsen, Holger; Keldenich, Jorg; Horvath, Ervin; Schuhmacher, Joachim
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 30 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19924818	A1	20001130	DE 1999-19924818	19990529
CA 2375186	AA	20001207	CA 2000-2375186	20000516
WO 2000073275	A1	20001207	WO 2000-EP4417	20000516
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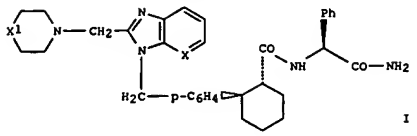
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000011061	A	20020305	BR 2000-11061	20000516
EP 1185516	A1	20020313	EP 2000-925288	20000516
EP 1185516	B1	20030502		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2003500475	T2	20030107	JP 2000-621341	20000516
EE 200100634	A	20030217	EE 2001-634	20000516
AT 238997	E	20030515	AT 2000-925288	20000516
AU 765752	B2	20030925	AU 2000-44055	20000516
PT 1185516	T	20030930	PT 2000-925288	20000516
ES 2197870	T3	20040116	ES 2000-925288	20000516
RU 2246490	C2	20050220	RU 2001-135715	20000516
ZA 2001009263	A	20021111	ZA 2001-9263	20011109
BG 106107	A	20020531	BG 2001-106107	20011113
NO 2001005810	A	20020125	NO 2001-5810	20011128
US 6716849	B1	20040406	US 2001-980243	20011129
HR 2001000955	A1	20030831	HR 2001-955	20011224
US 2004186106	A1	20040923	US 2004-805548	20040318

PRIORITY APPLN. INFO.: DE 1999-19924818 A 19990529
WO 2000-EP4417 W 20000516
US 2001-980243 A3 20011129

OTHER SOURCE(S): MARPAT 133:362968
GI

L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



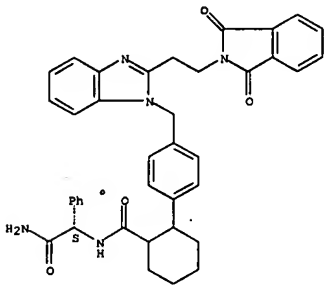
I

AB Title compds., e.g. I, were prepared for use in treating ischemic brain diseases in humans or animals. Thus I [X = N, X1 = O (II)] was prepared in six steps, starting from 2,3-diaminopyridine, glycolic acid, (1R,2R)-2-(4-bromomethylphenyl)cyclohexane-1-carboxylic acid tert-Bu ester (preparation given), and (S)-phenylglycinamide hydrochloride. Similarly prepared was I [X = C, X1 = N(Me) (III)]. In in vivo (binding of calf cortex adenosine transport protein) compds. II and III had Ki = 2 nM. In in vitro tests of rat brain reperfusion injury, II and III were effective at 0.001 mg/kg, reducing infarct volume 81-91% of control.

IT 307931-40-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis of heterocyclic derivs. of N-(phenylcyclohexylcarbonyl)pheny lglycine amide for treatment of cerebral ischemia or injury)

RN 307931-40-4 CAPLUS
CN Benzeneacetamide, α-[[[2-[4-[[2-[2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)ethyl]-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbony l]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

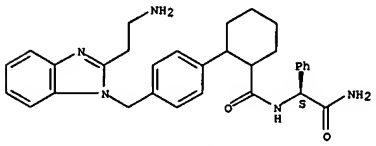


L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

IT 307971-72-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis of heterocyclic derivs. of N-(phenylcyclohexylcarbonyl)pheny lglycine amide for treatment of cerebral ischemia or injury)

RN 307971-72-8 CAPLUS
CN Benzeneacetamide, α-[[[2-[4-[[2-(2-aminoethyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

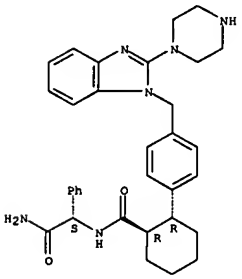


IT 307931-56-2P 307931-58-4P 307931-59-5P
307931-60-8P 307967-08-4P 307967-19-7P
307967-20-0P 307967-21-1P 307967-22-2P
307967-23-3P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(synthesis of heterocyclic derivs. of N-(phenylcyclohexylcarbonyl)pheny lglycine amide for treatment of cerebral ischemia or injury)

RN 307931-56-2 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(1-piperazinyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

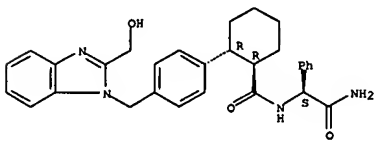
Absolute stereochemistry.

L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



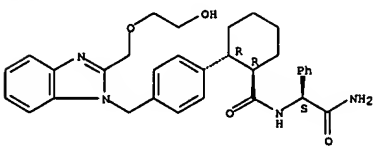
RN 307931-58-4 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(hydroxymethyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 307931-59-5 CAPLUS
CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-[(2-hydroxyethoxy)methyl]-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

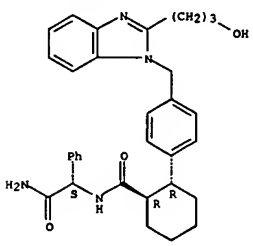


L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

RN 307931-60-8 CAPLUS

CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(3-hydroxypropyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

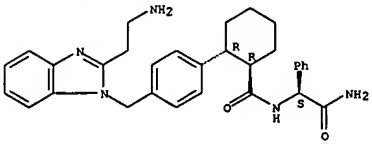
Absolute stereochemistry.



RN 307967-08-4 CAPLUS

CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-(2-aminoethyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

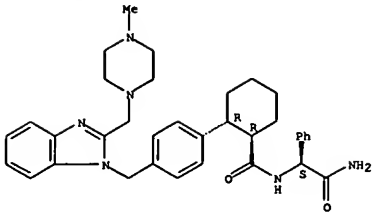


RN 307967-19-7 CAPLUS

CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-[(4-methyl-1-piperazinyl)methyl]-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

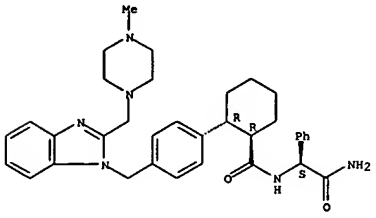
L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 307967-20-0 CAPLUS

CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-[(4-methyl-1-piperazinyl)methyl]-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, monohydrochloride, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



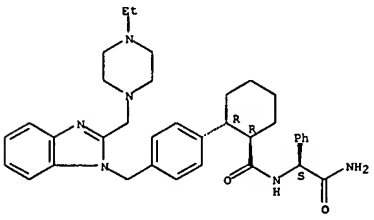
● HCl

RN 307967-21-1 CAPLUS

CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-[(4-ethyl-1-piperazinyl)methyl]-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

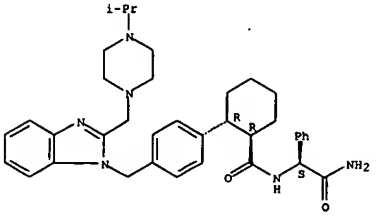
L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 307967-22-2 CAPLUS

CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-[(4-(1-methylethyl)-1-piperazinyl]methyl]-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

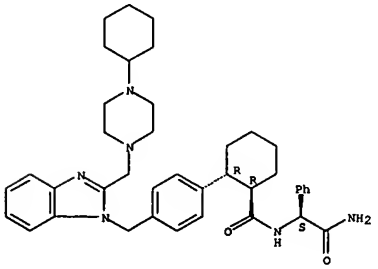


RN 307967-23-3 CAPLUS

CN Benzeneacetamide, α-[[[(1R,2R)-2-[4-[[2-[(4-cyclohexyl-1-piperazinyl]methyl]-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



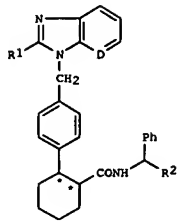
L13 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1996:567333 CAPLUS
DOCUMENT NUMBER: 125:221843
TITLE: Preparation of benzylimidazole derivatives for the treatment of vascular restenosis
INVENTOR(S): Mueller-Gliemann, Matthias; Mueller, Ulrich; Beuck, Martin; Zaiss, Siegfried; Gerdes, Christoph; Domdey-Bette, Anke; Gruetzmann, Rudi; Lohmer, Stefan; Wohlfeil, Stefan; et al.
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 725064	A1	19960807	EP 1996-100760	19960119
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
DE 19503160	A1	19960808	DE 1995-19503160	19950201
TW 448176	B	20010801	TW 1996-85100684	19960122
RO 117256	B1	20011228	RO 1996-152	19960126
CA 2168317	AA	19960802	CA 1996-2168317	19960129
JP 08253453	A2	19961001	JP 1996-33174	19960129
IL 116931	A1	20000601	IL 1996-116931	19960129
FI 9600425	A	19960802	FI 1996-425	19960130
AU 9642240	A1	19960808	AU 1996-42240	19960130
AU 710235	B2	19990916		
BG 63044	B1	20010228	BG 1996-100326	19960130
BG 103820	A	20010928	BG 1999-103820	19960130
NO 9600414	A	19960802	NO 1996-414	19960131
NO 309841	B1	20010409		
ZA 9600725	A	19960820	ZA 1996-725	19960131
RU 2158261	C2	20001027	RU 1996-101800	19960131
CN 1137380	A	19961211	CN 1996-102574	19960201
US 5935983	A	19990810	US 1997-960075	19971024
PRIORITY APPLN. INFO.:			DE 1995-19503160 A	19950201
			US 1996-588477 B1	19960118

OTHER SOURCE(S): MARPAT 125:221843
GI

L13 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

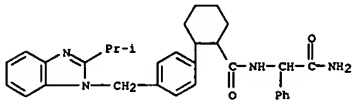


I

AB The title compds. [I; D = CH, N; R1 = Ph, cycloalkyl, (un)branched alkyl; R2 = (un)branched alkoxycarbonyl, CH2OH, CONH2], useful for the treatment of vascular restenosis, are prepared Thus, I (D = N, R1 = CHMe2, R2 = CONH2; * * cyclohexyl ring bonding is trans) was prepared and demonstrated a IC50 of 0.01 nM for the inhibition of rat aorta smooth muscle proliferation.

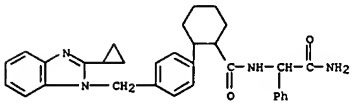
IT 181130-37-0P 181130-38-1P 181130-41-6P
181130-42-7P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzylimidazole derivs. for the treatment of vascular restenosis)

RN 181130-37-0 CAPLUS
CN Benzeneacetamide, α-[[[2-[4-[[2-(1-methylethyl)-1H-benzimidazol-1-yl]methyl]phenyl]cyclohexyl]carbonyl]amino]- (9CI) (CA INDEX NAME)

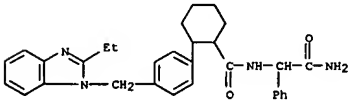


RN 181130-38-1 CAPLUS
CN Benzeneacetamide, α-[[[2-[4-[(2-cyclopropyl-1H-benzimidazol-1-yl)methyl]phenyl]cyclohexyl]carbonyl]amino]- (9CI) (CA INDEX NAME)

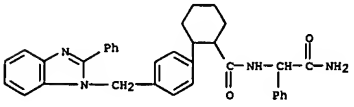
L13 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 181130-41-6 CAPLUS
CN Benzeneacetamide, α-[[[2-[4-[(2-ethyl-1H-benzimidazol-1-yl)methyl]phenyl]cyclohexyl]carbonyl]amino]- (9CI) (CA INDEX NAME)



RN 181130-42-7 CAPLUS
CN Benzeneacetamide, α-[[[2-[4-[(2-phenyl-1H-benzimidazol-1-yl)methyl]phenyl]cyclohexyl]carbonyl]amino]- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.79	522.58

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.25	-2.25

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